

ASUS ROG Strix SCAR 16 G634JYR-XS97 Intel® Core™ i9 i9-14900HX Laptop 40.6 cm (16") Quad HD+ 32 GB DDR5-SDRAM 2 TB SSD NVIDIA GeForce RTX 4090 Wi-Fi 6E (802.11ax) Windows 11 Pro Black

Brand : ASUS

Product family: ROG

Product code: 90NR0IJ2-M000P0

Product name : G634JYR-XS97

- Windows 11 Pro 64-bit
 - Intel Core i9-14900HX (36MB Cache)
 - 40.6 cm (16") Quad HD+ 2560 x 1600, NVIDIA GeForce RTX 4090 (16GB GDDR6)
 - 32GB (5600MHz) DDR5-SDRAM (2 x 16) & 2000GB SSD
 Intel Core i9-14900HX (36MB Cache), 32GB DDR5-SDRAM, 2000GB SSD, 40.6 cm (16") Quad HD+ 2560 x 1600, Intel UHD Graphics, NVIDIA GeForce RTX 4090 (16GB GDDR6), LAN, WLAN, Webcam, Windows 11 Pro 64-bit
 ASUS ROG Strix SCAR 16 G634JYR-XS97. Product type: Laptop, Form factor: Clamshell. Processor family: Intel® Core™ i9, Processor model: i9-14900HX. Display diagonal: 40.6 cm (16"), HD type: Quad HD+, Display resolution: 2560 x 1600 pixels. Internal memory: 32 GB, Internal memory type: DDR5-SDRAM. Total storage capacity: 2 TB, Storage media: SSD. On-board graphics card model: Intel® UHD Graphics, Discrete graphics card model: NVIDIA GeForce RTX 4090. Operating system installed: Windows 11 Pro. Product colour: Black



Design		Graphics	
Colour name	Off Black	Discrete graphics card *	✓
Product type *	Laptop	On-board graphics card family	Intel® UHD Graphics
Product colour *	Black	On-board graphics card model *	Intel® UHD Graphics
Form factor *	Clamshell	NVIDIA G-SYNC	✓
Market positioning	Gaming	Audio	
Introduction year	2023	Audio system	Dolby Atmos
Display		Number of built-in speakers	4
Display diagonal *	40.6 cm (16")	Built-in microphone	✓
Display resolution *	2560 x 1600 pixels	Camera	
Touchscreen *	✗	Front camera	✓
HD type	Quad HD+	Front camera resolution	1280 x 720 pixels
LED backlight	✓	Front camera HD type	HD
Native aspect ratio	16:10	Network	
Anti-glare screen	✓	Top Wi-Fi standard *	Wi-Fi 6E (802.11ax)
RGB colour space	DCI-P3	Wi-Fi standards	Wi-Fi 6E (802.11ax)
Colour gamut	100%	Mobile network connection *	✗
Maximum refresh rate	240 Hz	Antenna type	2x2
High Dynamic Range (HDR) supported	✓	Ethernet LAN	✓
High Dynamic Range (HDR) technology	Dolby Vision	Ethernet LAN data rates	10,100,1000,2500 Mbit/s
Processor		Bluetooth	✓
Processor manufacturer *	Intel	Bluetooth version	5.3
Processor family *	Intel® Core™ i9	Ports & interfaces	
Processor generation	Intel® Core™ i9 (14th gen)	USB 3.2 Gen 2 (3.1 Gen 2) Type-A ports quantity	2
Processor model *	i9-14900HX	USB 3.2 Gen 2 (3.1 Gen 2) Type-C ports quantity	1
Processor cores	24	Ethernet LAN (RJ-45) ports	1
Processor boost frequency	5.8 GHz	HDMI ports quantity *	1
Performance cores	8	HDMI version	2.1
Efficient cores	16	Thunderbolt 4 ports quantity	1
Performance-core Max Turbo Frequency	5.8 GHz	Intel® Thunderbolt 4	✓
Efficient-core Max Turbo Frequency	4.1 GHz		

Processor		Ports & interfaces	
Performance-core base frequency	2.2 GHz	Combo headphone/mic port	✓
Efficient-core base frequency	1.6 GHz	Power adapter barrel connector	6.0 mm
Processor cache	36 MB	USB Type-C DisplayPort Alternate Mode	✓
Processor cache type	Smart Cache		
Processor base power	55 W		
Maximum turbo power	157 W		
Memory		Performance	
Internal memory *	32 GB	Motherboard chipset	Intel HM770 Express
Internal memory type	DDR5-SDRAM	Keyboard	
Memory clock speed	5600 MHz	Pointing device	NumberPad
Memory form factor	SO-DIMM	Numeric keypad *	✗
Memory layout (slots x size)	2 x 16 GB	Keyboard backlit	✓
Memory slots	2x SO-DIMM	Keyboard backlit colour	RGB
Maximum internal memory *	64 GB	Keyboard backlit zone	Per-key RGB
Memory channels	Dual-channel		
Storage		Software	
Total storage capacity *	2 TB	Operating system architecture	64-bit
Storage media *	SSD	Operating system installed *	Windows 11 Pro
Total SSDs capacity	2 TB	Battery	
Number of SSDs installed	2	Battery technology	Lithium-Ion (Li-Ion)
SSD capacity	1 TB	Number of battery cells	4
SSD interface	PCI Express 4.0	Battery capacity *	90 Wh
NVMe	✓	Power	
SSD form factor	M.2	AC adapter power	330 W
Optical drive type *	✗	AC adapter frequency	50 - 60 Hz
Card reader integrated	✗	AC adapter input voltage	100 - 240 V
Graphics		AC adapter output current	16.5 A
Discrete GPU manufacturer	NVIDIA	AC adapter output voltage	20 V
Discrete graphics card model *	NVIDIA GeForce RTX 4090	DC-in jack	✓
Discrete graphics card memory	16 GB	USB Power Delivery (USB PD)	✓
Discrete graphics memory type	GDDR6	Security	
On-board graphics card *	✓	Trusted Platform Module (TPM)	✓
On-board GPU manufacturer	Intel	Password protection	✓
		Password protection type	BIOS, User
		Weight & dimensions	
		Width	354 mm
		Depth	264 mm
		Height (front)	2.26 cm
		Height (rear)	3.04 cm
		Weight *	2.65 kg



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